

=> d his

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SEA KINAS? AND S6? AND HUMA?

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L1 QUE KINAS? AND S6? AND HUMA?

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L2 2421 S KINAS? (S) S6? (S) HUMA?  
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NEWS	2	Apr 08 "Ask CAS" for self-help around the clock
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NEWS	29	Oct 24 BEILSTEIN adds new search fields
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SESSION

FULL ESTIMATED COST

0.21

0.21

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67 FILES IN THE FILE LIST IN STNINDEX

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=> s kinas? and s6? and huma?

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52 FILES SEARCHED...

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36 FILES HAVE ONE OR MORE ANSWERS, 67 FILES SEARCHED IN STNINDEX

L1 QUE KINAS? AND S6? AND HUMA?

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=> s kinas? (s) s6? (s) huma?

4 FILES SEARCHED...

8 FILES SEARCHED...

13 FILES SEARCHED...

L2 2421 KINAS? (S) S6? (S) HUMA?

=> s l2 and (p70? or p85?)

L3 1058 L2 AND (P70? OR P85?)

=> dup rem l3

DUPLICATE IS NOT AVAILABLE IN 'GENBANK, DGENE'.

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L4 302 DUP REM L3 (756 DUPLICATES REMOVED)

=> s l4 and (recombina? or clon? or isola?)

6 FILES SEARCHED...

8 FILES SEARCHED...

13 FILES SEARCHED...

L5 104 L4 AND (RECOMBINA? OR CLON? OR ISOLA?)

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TI Gene expression profiling of antidepressant action in the brain

L5 ANSWER 2 OF 104 USPATFULL  
TI Nucleic acids, proteins and antibodies

L5 ANSWER 3 OF 104 USPATFULL  
TI ASIP-related proteins

L5 ANSWER 4 OF 104 USPATFULL  
TI Human Ste20-like stress activated serine/threonine kinase

L5 ANSWER 5 OF 104 USPATFULL  
TI Beclin and uses thereof

L5 ANSWER 6 OF 104 USPATFULL  
TI Protein fragment complementation assays for the detection of biological or drug interactions

L5 ANSWER 7 OF 104 USPATFULL  
TI Gene markers useful for detecting skin damage in response to ultraviolet radiation

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TI Antiproliferative Sgk reagents and methods

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TI Nucleic acids, proteins and antibodies

L5 ANSWER 10 OF 104 USPATFULL  
TI Method for analyzing a nucleic acid

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TI Nucleic acids, proteins and antibodies

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TI Nucleic acids, proteins and antibodies

L5 ANSWER 13 OF 104 USPATFULL  
TI Nucleic acids, proteins and antibodies

L5 ANSWER 14 OF 104 USPATFULL  
TI P54s6k and **p85s6k** genes, proteins, primers, probes, and detection methods

L5 ANSWER 15 OF 104 USPATFULL  
TI Compositions and methods for the therapy and diagnosis of colon cancer

L5 ANSWER 16 OF 104 USPATFULL  
TI Nucleic acids, proteins, and antibodies

L5 ANSWER 17 OF 104 USPATFULL  
TI Expressed sequences of arabidopsis thaliana

L5 ANSWER 18 OF 104 USPATFULL  
TI Human stress array

L5 ANSWER 19 OF 104 USPATFULL  
TI Gene expression in bladder tumors

L5 ANSWER 20 OF 104 USPATFULL  
TI Arrays for identifying agents which mimic or inhibit the activity of interferons

L5 ANSWER 21 OF 104 USPATFULL  
 TI Gene sequence variations with utility in determining the treatment of disease, in genes relating to drug processing

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 TI Human signal transduction serine/threonine kinase

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L5 ANSWER 24 OF 104 USPATFULL  
 TI Protein fragment complementation assays for the detection of biological or drug interactions

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 TI Human Ste20-like stress activated serine/threonine kinase

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L5 ANSWER 28 OF 104 USPATFULL  
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L5 ANSWER 29 OF 104 USPATFULL  
 TI Nucleic acids encoding novel human serine/threonine protein kinases

L5 ANSWER 30 OF 104 USPATFULL  
 TI Human signal transduction serine/threonine kinase

L5 ANSWER 31 OF 104 USPATFULL  
 TI Human signal transduction MAPK kinase

L5 ANSWER 32 OF 104 MEDLINE  
 TI Predominant nuclear localization of mammalian target of rapamycin in normal and malignant cells in culture.

L5 ANSWER 33 OF 104 MEDLINE  
 TI Ligand-regulated binding of FAP68 to the hepatocyte growth factor receptor.

L5 ANSWER 34 OF 104 MEDLINE  
 TI Inhibition of p70(S6) kinase during transforming growth factor-beta 1/vitamin D(3)-induced monocyte differentiation of HL-60 cells allows tumor necrosis factor-alpha to stimulate plasminogen activator inhibitor-1 synthesis.

L5 ANSWER 35 OF 104 MEDLINE  
 TI Zinc stimulates the activity of the insulin- and nutrient-regulated protein kinase mTOR.

L5 ANSWER 36 OF 104 MEDLINE  
 TI Uncoupling p70(s6) kinase activation and proliferation: rapamycin-resistant proliferation of human CD8(+) T lymphocytes.

L5 ANSWER 37 OF 104 MEDLINE  
 TI Identification of the S6 kinase activity stimulated in quiescent brine shrimp embryos upon entry to preemergence development as p70 ribosomal protein S6 kinase: isolation of Artemia franciscana p70S6k cDNA.

L5 ANSWER 38 OF 104 MEDLINE  
 TI Functional TSH receptor in human abdominal preadipocytes and orbital fibroblasts.

L5 ANSWER 39 OF 104 MEDLINE  
 TI Expression of human choline kinase in NIH 3T3 fibroblasts increases the mitogenic potential of insulin and insulin-like growth factor I.

L5 ANSWER 40 OF 104 MEDLINE  
 TI The human histamine H(2) receptor regulates c-jun and c-fos in a differential manner.

L5 ANSWER 41 OF 104 MEDLINE  
 TI The influence of **recombinant** human insulin-like growth factor-I (rhIGF-I) on cell growth and cytotoxicity of drugs in childhood rhabdomyosarcoma cell lines and xenograft models.

L5 ANSWER 42 OF 104 MEDLINE  
 TI A phosphatidylinositol 3-**Kinase/p70** ribosomal **S6** protein **kinase** pathway is required for the regulation by insulin of the **p85alpha** regulatory subunit of phosphatidylinositol 3-**kinase** gene expression in **human** muscle cells.

L5 ANSWER 43 OF 104 MEDLINE  
 TI NRG-1-induced cardiomyocyte hypertrophy. Role of PI-3-kinase, **p70** (S6K), and MEK-MAPK-RSK.

L5 ANSWER 44 OF 104 MEDLINE  
 TI Activation of mitogenic pathways by albumin in kidney proximal tubule epithelial cells: implications for the pathophysiology of proteinuric states.

L5 ANSWER 45 OF 104 MEDLINE  
 TI Involvement of adenylate cyclase and **p70(S6)**-**kinase** activation in IL-10 up-regulation in **human** monocytes by gp41 envelope protein of **human** immunodeficiency virus type 1.

L5 ANSWER 46 OF 104 MEDLINE  
 TI Functional counterparts of mammalian protein kinases PDK1 and SGK in budding yeast.

L5 ANSWER 47 OF 104 MEDLINE  
 TI **Cloning** and characterization of **p70(S6K beta)** defines a novel family of **p70 S6** kinases.

L5 ANSWER 48 OF 104 MEDLINE  
 TI **Cloning** and characterization of RLPK, a novel RSK-related protein kinase.

L5 ANSWER 49 OF 104 MEDLINE  
 TI Activation of microtubule-associated protein kinase (Erk) and **p70 S6** kinase by D2 dopamine receptors.

L5 ANSWER 50 OF 104 MEDLINE  
 TI A heat-sensitive Arabidopsis thaliana kinase substitutes for human **p70s6k** function in vivo.

L5 ANSWER 51 OF 104 MEDLINE  
 TI Overexpression of membrane glycoprotein PC-1 can influence insulin action at a post-receptor site.

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TI Cyclic AMP-mediated inhibition of angiotensin II-induced protein synthesis is associated with suppression of tyrosine phosphorylation signaling in vascular smooth muscle cells.

L5 ANSWER 53 OF 104 MEDLINE  
 TI A *Drosophila* gene structurally and functionally homologous to the mammalian 70-kDa s6 kinase gene.

L5 ANSWER 54 OF 104 MEDLINE  
 TI Rapamycin resistance in ataxia-telangiectasia.

L5 ANSWER 55 OF 104 MEDLINE  
 TI HTLV-I-induced T-cell activation.

L5 ANSWER 56 OF 104 MEDLINE  
 TI Wortmannin-sensitive activation of p70s6k by endogenous and heterologously expressed Gi-coupled receptors.

L5 ANSWER 57 OF 104 MEDLINE  
 TI Mitogenic signals and transforming potential of Nyk, a newly identified neural cell adhesion molecule-related receptor tyrosine kinase.

L5 ANSWER 58 OF 104 MEDLINE  
 TI EGF-induced activation of 70-kDa S6 kinase in CHO cells expressing human EGF receptors.

L5 ANSWER 59 OF 104 MEDLINE  
 TI Wortmannin inhibits the effects of insulin and serum on the activities of glycogen synthase kinase-3 and mitogen-activated protein kinase.

L5 ANSWER 60 OF 104 MEDLINE  
 TI Signal transduction by the high-affinity GM-CSF receptor: two distinct cytoplasmic regions of the common beta subunit responsible for different signaling.

L5 ANSWER 61 OF 104 MEDLINE  
 TI Activation of an S6 kinase from human placenta by autophosphorylation.

L5 ANSWER 62 OF 104 MEDLINE  
 TI Failure of rapamycin to block proliferation once resting cells have entered the cell cycle despite inactivation of p70 S6 kinase.

L5 ANSWER 63 OF 104 MEDLINE  
 TI Rapamycin inhibits the phosphorylation of p70 S6 kinase in IL-2 and mitogen-activated human T cells.

L5 ANSWER 64 OF 104 MEDLINE  
 TI Cloning and expression of two human p70 S6 kinase polypeptides differing only at their amino termini.

L5 ANSWER 65 OF 104 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
 TI Zinc stimulates the activity of the insulin- and nutrient-regulated protein kinase mTOR.

L5 ANSWER 66 OF 104 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
 TI Expression of human p140-trk receptors in p140-trk-deficient, PC12/endothelial cells results in nerve growth factor-induced signal transduction and DNA synthesis.

L5 ANSWER 67 OF 104 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
 TI A mammalian protein targeted by G1-arresting rapamycin-receptor complex.

L5 ANSWER 68 OF 104 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI **CLONING AND EXPRESSION OF TWO HUMAN P70  
S6 KINASE POLYPEPTIDES DIFFERING ONLY AT THEIR AMINO  
TERMINI.**

L5 ANSWER 69 OF 104 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.  
 TI HMG-CoA reductase inhibition improves endothelial cell function and  
 inhibits smooth muscle cell proliferation in human saphenous veins.

L5 ANSWER 70 OF 104 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.  
 TI HIV-1 envelope protein gp41 modulates expression of interleukin-10 and  
 chemokine receptors on monocytes, astrocytes and neurones.

L5 ANSWER 71 OF 104 SCISEARCH COPYRIGHT 2002 ISI (R)  
 TI **Cloning**, characterization. and chromosome mapping of RPS6KC1, a  
 novel putative member of the ribosome protein S6 kinase family, to  
 chromosome 12q12-q13.1

L5 ANSWER 72 OF 104 SCISEARCH COPYRIGHT 2002 ISI (R)  
 TI **CLONING AND EXPRESSION OF 2 HUMAN-P70  
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TERMINI**

L5 ANSWER 73 OF 104 CANCERLIT  
 TI ErbB-2 and EGF receptor as targets for breast cancer therapy (Meeting  
 abstract).

L5 ANSWER 74 OF 104 CAPLUS COPYRIGHT 2002 ACS  
 TI Protein and cDNA sequences of **human p70** ribosomal  
**S6 kinase** 11.77 and therapeutical uses

L5 ANSWER 75 OF 104 CAPLUS COPYRIGHT 2002 ACS  
 TI Protein and cDNA sequences of **human p70** ribosomal  
**S6 kinase** 13.97 and therapeutical uses

L5 ANSWER 76 OF 104 CAPLUS COPYRIGHT 2002 ACS  
 TI 17q23 amplifications in breast cancer involve the PAT1, RAD51C, PS6K, and  
 SIGMA1B genes

L5 ANSWER 77 OF 104 CAPLUS COPYRIGHT 2002 ACS  
 TI **Cloning** and tissue expressive pattern analysis of the  
**human** ribosomal **S6 kinase**-RPS6KA5 cDNA

L5 ANSWER 78 OF 104 CAPLUS COPYRIGHT 2002 ACS  
 TI Molecular **cloning** and characterization of **p70 S6**  
 Kinase .beta. containing a proline-rich region

L5 ANSWER 79 OF 104 CAPLUS COPYRIGHT 2002 ACS  
 TI Characterization and cDNA **cloning** of **human** ribosomal  
**S6** protein **kinase** .beta. isoforms

L5 ANSWER 80 OF 104 CAPLUS COPYRIGHT 2002 ACS  
 TI **Cloning** and characterization of a nuclear S6 kinase, S6  
 kinase-related kinase (SRK); a novel nuclear target of Akt

L5 ANSWER 81 OF 104 CAPLUS COPYRIGHT 2002 ACS  
 TI Characterization of S6K2, a novel kinase homologous to S6K1

L5 ANSWER 82 OF 104 CAPLUS COPYRIGHT 2002 ACS  
 TI A transcript map of an 800-kb region on human chromosome 11q13, part of  
 the candidate region for SCA5 and BBS1

L5 ANSWER 83 OF 104 CAPLUS COPYRIGHT 2002 ACS  
 TI Molecular **cloning** and characterization of a novel **p70**  
 S6 kinase, **p70 S6 kinase** .beta. containing a proline-rich region

L5 ANSWER 84 OF 104 GENBANK.RTM. COPYRIGHT 2002  
 TITLE (TI): Endocrine Pancreas Consortium

L5 ANSWER 85 OF 104 GENBANK.RTM. COPYRIGHT 2002  
 TITLE (TI): Endocrine Pancreas Consortium

L5 ANSWER 86 OF 104 GENBANK.RTM. COPYRIGHT 2002  
 TITLE (TI): In silico mapping of the 5'-ends of human mRNAs using full-length enriched and 5'-end enriched cDNA libraries constructed by Oligo-capping method

L5 ANSWER 87 OF 104 GENBANK.RTM. COPYRIGHT 2002  
 TITLE (TI): The genome sequence of the thermoacidophilic scavenger Thermoplasma acidophilum  
 TITLE (TI): Direct Submission

L5 ANSWER 88 OF 104 GENBANK.RTM. COPYRIGHT 2002  
 TITLE (TI): Direct Submission

L5 ANSWER 89 OF 104 GENBANK.RTM. COPYRIGHT 2002  
 TITLE (TI): Cloning and expression of two human p70 S6 kinase polypeptides differing only at their amino termini

L5 ANSWER 90 OF 104 GENBANK.RTM. COPYRIGHT 2002  
 TITLE (TI): Cloning and expression of two human p70 S6 kinase polypeptides differing only at their amino termini

L5 ANSWER 91 OF 104 BIOTECHNO COPYRIGHT 2002 Elsevier Science B.V.  
 TI HTLV-I-induced T-cell activation

L5 ANSWER 92 OF 104 Elsevier BIOBASE COPYRIGHT 2002 Elsevier Science B.V.  
 TI Zinc stimulates the activity of the insulin- and nutrient-regulated protein kinase mTOR

L5 ANSWER 93 OF 104 Elsevier BIOBASE COPYRIGHT 2002 Elsevier Science B.V.  
 TI Functional TSH receptor in human abdominal preadipocytes and orbital fibroblasts

L5 ANSWER 94 OF 104 Elsevier BIOBASE COPYRIGHT 2002 Elsevier Science B.V.  
 TI NRG-1-induced cardiomyocyte hypertrophy. Role of PI-3-kinase, p70 (S6K), and MEK-MAPK-RSK

L5 ANSWER 95 OF 104 DRUGU COPYRIGHT 2002 THOMSON DERWENT  
 TI The pyridinyl imidazole inhibitor SB203580 blocks phosphoinositide-dependent protein kinase activity, protein kinase B phosphorylation, and retinoblastoma hyperphosphorylation in interleukin-2-stimulated T cells independently of p38 mitogen-activated protein kinase.

L5 ANSWER 96 OF 104 DRUGU COPYRIGHT 2002 THOMSON DERWENT  
 TI Inhibition of proliferation but not erythroid differentiation of J2E cells by rapamycin.

L5 ANSWER 97 OF 104 DRUGU COPYRIGHT 2002 THOMSON DERWENT  
 TI FK506 binding protein 12 mediates sensitivity to both FK506 and rapamycin in murine mast cells.

L5 ANSWER 98 OF 104 DRUGU COPYRIGHT 2002 THOMSON DERWENT  
 TI **S6 kinase** mediates **human** smooth muscle cell growth to platelet-derived growth factor: lack of inhibition by transforming growth factor beta1 and Ca2+ antagonists.

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 TIEN Zinc stimulates the activity of the insulin- and nutrient-regulated protein kinase mTOR

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 TIEN Functional TSH receptor in human abdominal preadipocytes and orbital fibroblasts

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 TIEN NRG-1-induced cardiomyocyte hypertrophy. Role of PI-3-kinase, **p70** .sup.S.sup.6.sup.K, and MEK-MAPK-RSK

L5 ANSWER 102 OF 104 DGENE (C) 2002 THOMSON DERWENT  
 TI New ribosomal S6 protein kinase gene useful for identifying agents which modulate protein synthesis or cellular proliferation or cell cycle -

L5 ANSWER 103 OF 104 DGENE (C) 2002 THOMSON DERWENT  
 TI New ribosomal S6 protein kinase gene useful for identifying agents which modulate protein synthesis or cellular proliferation or cell cycle -

L5 ANSWER 104 OF 104 DGENE (C) 2002 THOMSON DERWENT  
 TI New breast specific genes and proteins - used for detecting and treating breast cancer and developing a breast cancer vaccine

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(FILE 'HOME' ENTERED AT 16:27:41 ON 13 DEC 2002)

INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 16:27:54 ON 13 DEC 2002

SEA KINAS? AND S6? AND HUMA?

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 3 FILE ADISALERTS  
 3 FILE AGRICOLA  
 1 FILE ANABSTR  
 1 FILE AQUASCI  
 549 FILE BIOSIS  
 24 FILE BIOTECHABS  
 24 FILE BIOTECHDS  
 380 FILE BIOTECHNO  
 3 FILE CABA  
 445 FILE CANCERLIT  
 414 FILE CAPLUS  
 1 FILE CEN  
 3 FILE CONFSCI  
 38 FILE DDFU  
 98 FILE DGENE  
 192 FILE DRUGU  
 1 FILE DRUGUPDATES  
 9 FILE EMBAL  
 543 FILE EMBASE  
 208 FILE ESBIOBASE  
 15 FILE FEDRIP  
 409 FILE GENBANK

14 FILE IFIPAT  
 6 FILE JICST-EPLUS  
 119 FILE LIFESCI  
 780 FILE MEDLINE  
 121 FILE PASCAL  
 3 FILE PROMT  
 519 FILE SCISEARCH  
 265 FILE TOXCENTER  
 985 FILE USPATFULL  
 10 FILE USPAT2  
 41 FILE WPIDS  
 41 FILE WPINDEX  
 1 FILE NAPRALERT  
 6 FILE NLDB

L1 QUE KINAS? AND S6? AND HUMA?

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FILE 'USPATFULL, MEDLINE, BIOSIS, EMBASE, SCISEARCH, CANCERLIT, CAPLUS,  
 GENBANK, BIOTECHNO, TOXCENTER, ESBIODBASE, DRUGU, PASCAL, LIFESCI, DGENE'  
 ENTERED AT 16:29:43 ON 13 DEC 2002

L2 2421 S KINAS? (S) S6? (S) HUMA?  
 L3 1058 S L2 AND (P70? OR P85?)  
 L4 302 DUP REM L3 (756 DUPLICATES REMOVED)  
 L5 104 S L4 AND (RECOMBINA? OR CLON? OR ISOLA?)

=> log h

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
46.64	48.44

FULL ESTIMATED COST

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 16:35:28 ON 13 DEC 2002